INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2005/000331

A. CLASSIFICATION OF SUBJECT MATTER				
IPC7 H02M 3/157				
According to International Patent Classification (IPC) or to both national classification and IPC				
	LDS SEARCHED			
	cumentation searched (classification system followed, H03M, H02M	by classification symbols)		
Documentation	on searched other than minimum documentation to the	e extent that such documents are included in the	Golds seasohad	
KR, JP : IPC	as above	o onto and saving are meladed in the	neios searcneo	
Electronic dat	ta hace conculted during the intertnational search (no.			
Dioci onio ca.	ta base consulted during the intertnational search (nan	ne of data base and, where practicable, search ter	ms used)	
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages			
A :	US 5,677,618 A (The Boeing Company) 14 OCTO	DBER 1997	Relevant to claim No.	
	See the whole document		 	
A	US 6,653,960 B2 (Shindengen Electric Manufacturing Co., Ltd.) 25 NOVEMBER 2003 See the whole document		1	
A	US 6,621,257 B2 (Shindengen Electric Manufacturing Co., Ltd.) 16 SEPTEMBER 2003 See the whole document		1	
A	US 6,456,217 B1 (NEC Corporation) 24 SEPTEMBER 2002 See the whole document		1	
A	WO 97/47090 A1 (ERICSSON INC.) 11 DECEMBER 1997 See the whole document		1	
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Further	documents are listed in the continuation of Box C.	· C See notest family assess	·	
	tegories of cited documents:	See patent family annex.		
"A" document defining the general state of the art which is not considered		"T" later document published after the internation date and not in conflict with the application	al filing date or priority	
to be of particular relevance "E" earlier application or patent but published on or after the international		the principle or theory underlying the inventi	ດກ	
filing date		"X" document of particular relevance; the claimed considered novel or cannot be considered to	invention cannot be	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other		step when the document is taken alone		
special reason (as specified)		considered to involve an inventive step who	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is	
means		combined with one or more other such documents such combination		
P document published prior to the international filing date but later than the priority date claimed		being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actur	al completion of the international search	Date of mailing of the international search report		
27 MAY 2005 (27.05.2005)		30 MAY 2005 (30.05.2005)		
Name and mailing address of the ISA/KR		Authorized officer	2003)	
92	orean Intellectual Property Office 20 Dunsan-dong, Seo-gu, Daejeon 302-701, epublic of Korea	KWAK, Joon Young	(1250g)	
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